STATE OF CALIFORNIA

DIVISION OF FORESTRY

DEPT. OF NATURAL RESOURCES

NEWS LETTER

JUNE
-1952-
VOL-II-NO 6

·JUNIPER·

KEEP CALIFORNIA GREEN & GOLDEN

APRIL ACTIVITIES

FIRE CONTROL, AND TRAINING

The 1952 fire season opened in Southern California on April 16. Rains throughout the month have delayed the drying of vegetation to the extent that the hazards remain at minimum and only skeleton crews have been retained.

A training meeting was held in Yosemite Park and attended by Division personnel from District III, District IV, and the Sacramento Fire Control staff. It was a joint meeting with the U. S. Forest Service, the National Park Service, and the Division of Forestry at which problems of fire control, dispatching, and coordination for mutual aid in fire fighting were discussed. Fire Control and District IV Rangers established a fire weather prediction index system for use in Fresno County which will also benefit the rest of the counties in that District in planning for potentially bad fire risk periods.

Twenty-four members of the Division in the classes of Assistant and Associate Ranger attended a six-day Wartime Fire Defense Conference conducted at the Western Training Center, St. Mary's College. This course was a revised edition of one conducted in February which was also attended by a number of Division personnel. The recommendations of the former group were used to improve and expand the latter program. The conference outlined the problems confronting the fire services in combatting wartime fires resulting from atomic bursts and gave consideration to some of the operating procedures under theoretical conditions. The program was culminated with a field exercise carried out by the trainees under simulated attack conditions.

RADIO

After a survey of the southeastern part of San Diego County, the Department of Fish and Game have indicated that they will install a repeater unit on Monument Peak which will result in better coverage in the south San Diego and Acampo areas for the Division of Forestry. Deliveries of additional radio equipment are now being received in the field and we plan to have installation of all units completed for use during the coming fire season.

FOREST FIRE PREVENTION

The State Board of Forestry met in joint session with the California Fire Prevention Committee in Sacramento on April 18. "The Dependency of the Basic Natural Resources of California on the Protection of Wild Lands From Fire" was the theme of the meeting. Methods by which wild fires can be prevented with emphasis placed on educational phases and the responsibility of industry, business organizations, governmental agencies, and individuals to actively participate in fire prevention programs were stressed.

Materials are being prepared as a followup to that meeting for distribution to over 600 persons who represent the above throughout the State, those materials will furnish ideas, tools, and procedures for active participation in the over-all program.

Division personnel are actively engaged in planning and preparing exhibits for several county fairs to be held during the coming months. A five-minute 16 mm film was produced during the month and will be ready for release early in May as a much needed tool for use by television stations in forest

and fire prevention education. The film will be supplemented for television use by short films which have been produced by the U. S. Forest Service.

Materials for 100 additional roadside fire prevention signs were received and with new copy for two complete changes of theme for all signs allotted to the districts. With all districts reporting plans for distributing printed materials and concerted efforts toward preparing control lines for roadside hazard reduction, the fire prevention program is progressing on schedule.

STATE BOARD OF FORESTRY

At the April meeting the State Board of Forestry approved an alternate plan for the Tahoe Timber Company to cut small lodgepole pine trees within the South Sierra Pine District on an experimental basis. They also approved an alternate plan for Virginia S. Messier to cut undersize conifers as a timber stand improvement measure within the Coast Range Pine and Fir Forest District.

The State Board of Forestry will hold their next meeting in Eureka on May 21 and 22. There will be no formal business meeting since the two days will be devoted primarily to field trips in a number of logging operations where a study of forest practices, slash disposal, and stream channel clearance will be made. The Board will also be in attendance at the Redwood Logging Conference in Eureka on May 23.

STATE FOREST TIMBER SALES

Two competitive timber sales on State Forests are currently being advertised by the Division of Forestry. The trees to be cut and removed from each sale have been marked under a selective cutting system by Division personnel.

The sale area on the Mountain Home State Forest in Tulare County includes approximately 180 acres, with an estimated merchantable volume to be cut and minimum bid rates of the various species as follows:

Species	Merchantable Volume	Minimum Bid Rate
Sugar Pine	730 M bd. ft.	$25.00 per M bd. ft.
Ponderosa Pine	21 M bd. ft.	22.00 per M bd. ft.
White Fir	1,383 M bd. ft.	5.00 per M bd. ft.
Incense Cedar	6 M bd. ft.	5.00 per M bd. ft.
Total	2,140 M bd. ft.	

Sealed bids for this sale by woods scale will be received until 2:00 P.M., May 29, 1952, by the Deputy State Forester, 203 NE Third Street, Visalia, at which time and place all bids will be publicly opened and read.

The timber sale on the Latour State Forest in Shasta County involves 162 acres with an estimated stand to be cut, and minimum bid value of the various species as follows:

Species	No. of Trees	Merchantable Volume	Minimum Bid Rate
Sugar Pine	386	1,210,240 bd. ft.	$17.00 per M bd. ft.
Ponderosa Pine	310	931,200 bd. ft.	17.00 per M bd. ft.
Douglas Fir	81	289,660 bd. ft.	8.00 per M bd. ft.
White Fir	1,111	1,390,720 bd. ft.	3.00 per M bd. ft.
Red Fir	93	191,220 bd. ft.	3.00 per M bd. ft.
Incense Cedar	538	285,950 bd. ft.	3.00 per M bd. ft.
Totals	2,519	4,298,990 bd. ft.	$44,325.43 Minimum Bid

Sealed bids for this lump sum sale by tree measurement estimate will be received until 3:00 P.M. June 5, 1952, by the Deputy State Forester, 1000 Cypress Avenue, Redding, California, at which time and place all bids will be publicly opened and read.

ENGINEERING AND CONSTRUCTION:

Tulare and Madera County maps have been completed and delivered to the State Printing Plant and should be ready for use this fire season; the Tehama County map is in its final stages and should also be available this summer. Shasta Eastern Trinity map is progressing satisfactorily and it is hoped it will be printed during the summer.

Construction has now started on the Ogo Fire Control Station which station was destroyed by fire last year.

The rebuilding of the Rag Dump Bridge in Butte County is now completed. The load limit has been increased from 50 ton to 70 ton.

The relocation of the Sonora Headquarters Office is progressing satisfactorily and will be ready for occupancy this fire season.

Construction has started on the new county headquarters at Morgan Hill and preliminary surveys are under way to obtain a new site for Alma Fire Control Station. The old station must be abandoned because of construction of the Lexington Dam which will inundate this land.

Five Dodge and four Marmon-Harrington crew trucks were received this month which completes the buildup of the 23 Dodge and 9 four-wheel drive crew trucks.

Mechanical work has been completed on the rehabilitation of the standby generator plants to be used throughout the State for standby electric power in connection with Civil Defense Program. A total of $17,133.59 was received from the sale of 42 units (old equipment which has been replaced with new units) which were sold upon receipt of sealed bids.

SOME ANONYMOUS SAWMILLING PHILOSOPHY

Once upon a time there was a man who built a sawmill and after he got it going he came to the conclusion that if he would put in live rolls he could increase the capacity of his plant ten per cent.

So he put in live rolls and that necessitated another trimmer saw.

So he put in that and then he decided that if he had a bigger edger he would put tie cants through and he could increase the capacity another twenty per cent.

So he bought another edger and found that he didn't have enough power, so he bought a bigger engine and it was so big he couldn't keep up steam.

So he bought another boiler and by that time the mill was cutting so much lumber that he could not keep it in logs.

So he bought another skidder and then he had so many logs his pond was too small.

So he bought a scraper and dug a young lake.

But along in the summer the pond went dry so he built a mile and a half of flume and turned another creek into it and by that time the fall rains had set in and washed the dam out.

And the governor broke and the new engine ran away and the fly wheel busted and cut off a steam pipe and scalded the engineer who was asleep in the sawdust bin but they got everything fixed up and the engineer sued him for TEN THOUSAND DOLLARS damages but he did not mind that because he had been in the sawmill business all his life, and everything got to running smoothly but by this time he had cut out all his timber and he couldn't get any more so he sold the mill to the junk man and got himself a job as whistle punk in a laundry.

W. P. Maguire
Farm Forester

LETTER RECEIVED FROM F. P. CRONEMILLER, CHIEF, DIVISION OF WILDLIFE MANAGEMENT, USDA

"Dear Mr. Taylor:

"Having visited the famous Tule tree, measured its diameter and reviewed some of its history, I was interested in the article about it in the May issue of the News Letter.

"The fact that the tree is found away from water at times has been cited as differentiating it from other species of the genus Taxodium. Botanists now seem to believe that the species regenerates naturally only on very wet soil, in fact the seeds may germinate under water. There may have been a water course past the roots of El Tule when it started 2 to 4,000 years ago. Several wells nearby indicate a water table averaging only seven feet under ground. It is believed that all trees must have their roots in water.

"Tule is the same in Spanish and English and refers to a species of cattail indicating a one time swamp in the area. The Mexican name 'Ahuehuete' means 'old tree of the water.' This is all confused by the groves in the Valley of Mexico which are not associated with water at all. However, there

is abundant evidence they were planted by the Indians in pre-hispanic times. There are about 500 large trees in Chapultepec Park in Mexico City. Many of these are in straight lines and also line paths forming narrow avenues. A ring count on one wind thrown specimen dated its planting prior to the year 1300. Another group also originating before Cortez is found on the east side of the valley near Texcoco. These are in four lines forming a perfect rectangle one-half mile long and one-quarter mile wide layed out in cardinal directions. These are supposed to have surrounded the garden of King Netzahualcoyotl who lived from 1403 to 1474 a.d. Their present number is about 275 although early historians and spacing as well indicate an original number exceeding 2,000. The largest specimen is about 14 feet d.b.h. The Ahuehuete is found in nearly every State of Mexico usually as a single tree or in small groups. Its economic value is low, and due to the fact the Mexican axe is a machete adapted only to small stuff, the woodsman has generally spared the tree."

Sincerely yours,

s/ F.P. Cronemiller, Chief
Division of Wildlife Management

YOU NEVER HAVE RIGHT-OF-WAY

Not long ago, a man was given an award for many years of safe driving on the road. The reason he never had a wreck, he said, was because he always figured the other guy had the right-of-way.

There's a lot of truth in that statement, gents. The fact that a wreck is not your fault doesn't ease the pain of broken limbs, cuts, or bruises suffered in an automobile accident. The best policy is to avoid the wreck, and this is done in most cases by looking for the other fellow to do the wrong thing.

For instance, when you're traveling along the highway, expect the fellow to turn onto the highway in front of you from the side road, expect the big truck in front of you to stop suddenly, expect the man in front to give the wrong hand signals. You can be pretty sure that the other man will stop for the red light at the street corner, but you can't be positive.

There's an old limerick which points out this philosophy very well:

Here lies the body of John O'Day.
He died maintaining the right-of-way.
He was right, dead right, as he sped along,
But he's just as dead as if he'd been dead wrong!

Louisiana Forestry Bulletin
June, 1952

FOREST TRAINING SAVES A KOREAN PATROL

A United Nations Patrol in a daylight raid on enemy territory in Korea. Opposing forces dug in on bare hillsides separated by a small river. The patrol operating on the enemy side of the river. Pinned down by enemy fire - the only cover rocks and ditches - machine gun and mortar fire taking toll - Ex-Forest Service employee (Cajon Dist.) Cpl. Joe Koenig calling for cover fire which proved ineffective. Koenig's thoughts in reminiscence

while awaiting the shell with his number - the Whitewater fire on the San Bernardino - What he wouldn't give to be back there in the smoke again, safe from Red death. Smoke! An idea - he remembered smoke drifting up the canyons - no visibility. Why wouldn't smoke help here? Walkie talkie radios - one in his hand - why not? A call for smoke shells, lay them in close below us - give us plenty of it - fill the canyons on each side of us. Smoke cover drifting upslope into red eyes - a scramble home with the dead and wounded! Koenig received a Combat Citation for saving the Patrol. All because the lesson in fire behavior on the San Bernardino's Whitewater Fire was carried across the earth to the bloody battle fields of faraway Korea. -- Ellwood Stone, San Bernardino

Administrative Digest
April 30, 1952

MORE ABOUT PAUL BUNYAN AND BABE

Because he was so much younger than Babe and was brought to camp when a small calf, Benny was always called the Little Blue Ox although he was quite a chunk of an animal. Benny could not, or rather, would not haul as much as Babe nor was he as tractable but he could eat more.

Paul got Benny for nothing from a farmer near Bangor, Maine. There was not enough milk for the little fellow so he had to be weaned when three days old. The farmer only had forty acres of hay and by the time Benny was a week old he had to dispose of him for lack of food. The calf was undernourished and only weighed two tons when Paul got him. Paul drove from Bangor out to his headquarters camp near Devil's Lake, North Dakota that night and led Benny behind the sleigh. Western air agreed with the little calf and every time Paul looked back at him he was two feet taller.

When they arrived at camp Benny was given a good feed of buffalo milk and falpjacks and put into a barn by himself. Next morning the barn was gone. Later it was discovered on Benny's back as he scampered over the clearings. He had outgrown his barn in one night.

Benny was very notional and would never pull a load unless there was snow on the ground so after the spring thaws they had to white wash the logging roads to fool him.

Gluttony killed Benny. He had a mania for pancakes and one cook crew of two hundred men was kept busy making cakes for him. One night he pawed and bellowed and threshed his tail about till the wind of it blew down what pine Paul had left standing in Dakota. At breakfast time he broke loose, tore down the cook shanty and began bolting pancakes. In his greed he swallowed the red-hot stove. Indigestion set in and nothing could save him. What disposition was made of his body is a matter of dispute. One oldtimer claims that the outfit he works for bought a hind quarter of the carcass in 1857 and made corned beef of it. He thinks they have several carloads of it left.

Another authority states that the body of Benny was dragged to a safe distance from the North Dakota camp and buried. When the earth was shoveled back it made a mound that formed the Black Hills in South Dakota.

Published by The Red River Lumber Company

R. E. MCARDLE NAMED NEW CHIEF FORESTER

Appointment of Richard E. McArdle as Chief of the Forest Service, U. S. Department of Agriculture, was announced in Washington by Secretary Brannan June 5. He will succeed Lyle F. Watts, Chief Forester for the past nine years, who has announced his decision to retire from active duty June 30. McArdle began his Forest Service career in 1924 as a Junior Forester assigned to the Pacific Northwest Forest and Range Experiment Station in Portland. He worked on various research projects at the station for ten years with time out for three years of graduate study.

From 1939 to 1942, Watts served as Regional Forester of the Pacific Northwest Region with headquarters in Portland.

Western Forest Industries Review
June 13, 1952

IF YOU HAVE LOVED THESE (By Ben Hur Lampman)

If you have loved the glimpse of a doe and a fawn in the bracken at morning, when the mists rise out of the little valley; and the resonant call of the grouse in the sentinel firs; and the sad sweetness of wild pigeons, calling one to another; and the wood duck low to the water, and the harlequin, too; and the red rabbit that comes to the sandbar at dawn, out of the blackberry tangle -- if you have loved all these, and love them still, be careful of fire in the forest.

If you have loved the deep, cool shadows of noon, with a hawk circling; the charmed stillness of the drowsy woodland, smelling of fern and resin and berry; and a peace that flows outward and inward, like a great pulse in harmony; and the knowledge that here is no urgency; nor ever has been; and an ouzel frequenting the white water; and a pendant vine drooping with purple berries -- if you have one time loved these, and had healing from them, be careful of fire in the forest.

If you have loved the lengthening shadows, that come from the forest at evening, when the deer steal forth again, and the plumed quail; the restored awareness that hill water has many voices, blent in symphony; the awareness that at twilight the near hills, draw nearer; if you have loved, in that listening stillness, the splash of a fine trout rising, or a sea-run salmon ascending the river; the assurance, somehow, that you are not alien to the trees, to the evening, nor to the creator of these; if you have loved all this, and these, and are grateful, be careful of fire in the forest.

Reprint from June 1, 1951 issue of
Crow's Pacific Coast Lumber Digest

NOT A PERFECT SCORE

"I've been driving in this town for a good many years and I haven't hit one person yet."
"Who's the lucky one?"

The first motorists watched for holes in the road; the modern motorists watch for holes in the traffic.

Motorland, May, 1952

LITTLE BOY BLEW

Annoyed at a slow motorist ahead of him, the bus driver leaned on his horn until his passengers' ears rang.

A pretty little thing standing behind the busman glared witheringly at him and cooed, "What else did you get for Christmas?"

The one-way street has brought some relief from congestion--in traffic jams all the cars are always headed in the same direct.

TRUE TO LIFE

Jack: "I always know when a car reaches middle age."
Jill: "Just how can you tell?"
Jack: "When it doesn't want to go over forty."

Motorland, May 1952

The other day at a High School "Career Day" the group of boys interested in Forestry were told to direct questions to the speaker from the Division. Then up spoke a definitely overweight hopeful,

"When can I retire?" said he.

A western sheriff confiscated a bunch of slot machines on the basis that it is unlawful to use steel traps for catching dumb animals.

Or, as the little doughnut said to the big layer cake: "If I had your dough I wouldn't be hanging around this hole."

Auburn Forester, May 23, 1952

LETTER FROM SENAOTR F. PRESLEY ABSHIRE

This letter was received by J. A. Glenn, State Forest Ranger, Santa Rosa, from Senator Abshire:

"On Thursday morning, May 22nd, fire broke out in my former residence at Route 1, Box 210, Geyserville. I am writing this letter to let you know how much Mrs. Abshire and I appreciate the prompt arrival of two fire trucks from your Lytton Station, and who, along with the two trucks from the Geyserville Volunteer Fire Department, courageously and efficiently brought the fire under control and extinguished it, when it had such a lead that it seemed it would be impossible to save any portion of the building.

"We want you to know how much we appreciate the assistance your crew gave and how they stood by for several hours after the main fire was extinguished and continued to put out flair-ups of the fire.

"We are certainly grateful to the service, and especially to the Lytton crew for the valuable assistance they rendered to us."

s/ F. Presley Abshire

EXPRESSION OF APPRECIATION FROM SCOUT EXECUTIVE RAYMOND J. EWAN TO RANGER KNOWLTON AND RANGER BROCK

"This is to again express to you my sincere thanks for the participation of yourself and the men of the Nevada County, State Division of Forestry in our Annual Camporee on May 3 and 4.

"Our Troop leaders were on the whole highly complimentary toward your efforts and I know that a great deal of good was accomplished by this association with the men of the forest service."

s/ Raymond J. Ewan
Scout Executive

ABOUT THE DIVISION

DISTRICT III

Don T. Bennetts, District III Storekeeper, drove to Carson City during May and returned with a bride.

The new Mrs. Bennetts is the former Elaine Morey of Modesto. After a honeymoon trip of three weeks, which included a visit to Yosemite and the coastal area the Bennetts have now settled in their Los Robles Boulevard home, and Don is back on duty.

John W. Tomblin
Assistant Deputy State Forester

KINGS COUNTY

The season has rolled around again, time for inspection of hay balers, harvesters, and heavy trucks.

We have a large crop of nice dry grass on the West Side, in fact, more grass than we have had for the past ten years.

Wm. M. Jordan, Relief Driver at Burris Park, is in the hospital - several broken ribs and a back injury. We are all hoping for a speedy recovery, Bill.

It has happened again! Another fire fighter was born May 18th to Mr. and Mrs. Don Williams at the Sacred Heart Hospital. Don is regularly known around headquarters as the handy man and mechanic. Congratulations!

Some of us spent last night assisting ranchers in the Island District moving out ahead of the high water, something we have been preparing for for some time. Looks like Tulare Lake will fill before the snow water run off is completed this summer.

We wish each and every county the best of luck during the next few dry months. (Keep them small, boys!)

C. E. Lindley
Associate State Forest Ranger

FRESNO COUNTY

Below is a description of a home-made incinerator as found on Page 97 of the June, 1952, issue of Mechanics Illustrated. I believe Mr. Thompson's idea of a back yard incinerator is worthy of publication in the News Letter. By publicizing this article, the Editor of the News Letter may deem it advisable to inaugurate a competitive contest on a State-wide basis. The contest would route ideas and suggestions from the Division's personnel through the News Letter.

BACKYARD INCINERATOR (By G. V. Thompson)
Data by Charles Hurley

"With hot weather right around the corner, any accumulation of garbage on your premises presents a danger to your family's health. For about twelve bucks you can build this incinerator that will enable you to get rid of your rubbish as fast as it appears.

"The main components are one 55-gallon drum for the shell and a 30-gallon unit for the actual firepit. First punch a ring of holes about 6 in. from the bottom of the larger drum. Then make holes at random into the smaller one. The two steel bars, strap iron, handles, hinge, and 6-ft. length of flexible tubing cost about $4. A tinsmith fashioned the smokestack for $5.

"Weld the steel rods and the inner drum retainer strap in place. Next attach handles to the inner drum and a bolt on the hinge. Install the tubing.

"In use, the hinged stack and lid tip easily to one side, the flexible tubing acting as additional support. Toss your trash into the inner barrel, and ignite.

"Dry trash gives no smoke at all, and garbage just a little white smoke. Even if you have children in the area when the incinerator is going full blast, the device is quite safe, as the outside drum does not heat up."

A need for a practical, inexpensive incinerator is apparent. The construction of the incinerator should consider a nominal cost to the suburban and rural home owners. A possible prize may be a merit to the employee, Ranger Unit, and District in the form of a letter from the State Forester for a job well done, etc.

From this contest and after evaluation of all ideas, drawings, and plans submitted from the field, the Division should adopt and sponsor through recommendation a drawing of an incinerator, which would be an invaluable fire prevention tool in the hands of the field men. Furthermore, the adopted drawing might be circulated with our regular fire prevention material or added to the Booklet--"California State Laws Applicable to Fire Prevention."

In considering the future and after analysis to determine the receptive attitude of the suburban and rural land owners toward a recommended incinerator, the Division could consider amending Section 4153, Paragraph 2 of the Public Resources Code to include an incinerator rather than permitting the open trash burning which is a source of yearly fires. Also the

distance requirement in the Code may be reduced in order to eliminate the writing of numerous burning permits each year.

The foregoing is submitted only as a constructive suggestion in justifying the matter of an APPROVED BACK YARD INCINERATOR.

R. J. Moran
Associate State Forest Ranger

FROM THE FOURTH GRADE, FREMONT SCHOOL, SALINAS

"Dear Ranger:

"You help the forest from burning.

"You save the animals, homes, and trees. You save many things. You save animals too. On our vacation we saw the beautiful things you save. Thank you for saving them and for showing us the movie."

The Fourth Grade

THANKS TO RANGER AUSTIN

"We wish to extend our thanks for the cooperation and assistance given our Fire Department at the fire here today. Without the help of your able crew the damage would have been considerably more.

"Again accept our sincere appreciation."

s/ Dewey Benadom
Fire Chief, City of King

DISTRICT VI HEADQUARTERS

We welcome to District VI Harold Rolland who has been transferred from the northern part of the State to assume the responsibilities of Forestry Work Project Supervisor at the Oak Glen CDC Camp. Dick Groninger will be in charge of the new CDC Camp in San Diego County.

Betty Stark has replaced Patricia McGeeney in the Property & Equipment Department; June Walsh is taking over the desk formerly occupied by Beatrice Harvey in Finance; and Lillian Devine is our new switchboard operator.

SAN BERNARDINO COUNTY

San Bernardino County completed their annual three day Forest Fire Training School on May 7, 1952.

In addition to Division of Forestry personnel, representatives from San Bernardino City Fire Department, U. S. Forest Service, and various County Fire Districts were in attendance.

Classes presented included Use of Tools, Line Construction, Tool Maintenance, Basic Pumps, Organization of Campaign Fires, Pumper Action on Moving Fire Line, Fire Behavior and Safety, and Public Relations.

Simulated fire problems and campaign fire culminated the class studies with all students participating.

Work has begun on our Hesperia Fire Control Station and messhall, barracks and garage have been completed at San Bernardino Headquarters.

A six-day course was given to members of the San Bernardino City Fire Department covering subjects similar to those given CDF personnel. Portions of territory under City Fire Department jurisdiction have brush and grass fire problems, necessitating special training.

P.S. "If anyone sees Butch Skinner, ask him how long it takes to scrape and paint a 23 foot boat."

RIVERSIDE COUNTY

A bit late, but worthy of mention, is the birth of Theodore "Teddy" Raymond Banks on April 4, 1952. Teddy is the son of Assistant Ranger Banks of the West Riverside Station.

The annual fire prevention and conservation school contest, which is sponsored each year by the Conservation Association of Southern California in cooperation with the Division of Forestry and the U. S. Forest Service, was concluded for Orange County during the month of May.

As the County School System was opposed to a straight competitive contest, a program was outlined and carried out which set up the basis for a long-range school program in fire prevention and conservation, that will tie into the curriculum unit now being offered by the California State Department of Education.

This consisted of the classes taking a regular unit of study in the field of fire prevention and conservation. To arouse the interest of both teachers and students, the County Superintendent of Schools suggested that the Division take an active part in the program. This we did, by offering our services to the schools desiring talks, movies, literature, and posters. Also, each school taking part in the program was offered an Incense cedar tree, and a tree planting ceremony if they so desired.

In working with the individual schools, we showed the films "Frying Pan and the Fire," "Then It Happened," and gave a short talk on the program, along with answering questions on Fire Prevention and Conservation. Thirty-two of these programs were given in the schools, with a total attendance of 3,319 students. Also, a short program on trees and their importance to our nation was carried out during twelve tree planting ceremonies with schools desiring a tree. The bulk of the tree planting ceremonies were held during Conservation Week, with considerable publicity in the local newspapers. In addition, one night program was carried out at the Lincoln School in La Habra, with the parents of children studying fire prevention and conservation. Also, near the end of the program, a visit to classrooms was made by Division personnel, where comments were made on the work of each class, and many questions answered.

The material results consisted mainly of posters and essays. It is estimated that approximately 1,000 of these were produced during the program, of which 256 were saved for our possible use at the Orange County Fair.

Many of the students took their individual posters and essays to post in their own homes. In addition, three table top exhibits were produced, two models of forest scenes made of papier-mache, several murals, pupet shows, short stories, cut-outs on grooved boards, bird houses, room displays, and one class wrote and acted out a play on the proper use of campfires. Total student hours for the program was 7,138.

The $75.00 put up by the Conservation Association of Southern California for the school contest will be applied to the purchase price of the film "Water for the City," with the balance being paid for out of funds available to the Superintendent of Schools. This film will be added to the visual aid library, where it will be available to county schools desiring its use.

J. A. Scherman
State Forest Ranger

Thanks go to John W. Tomblin, Assistant Deputy State Forester; Associate State Forest Ranger Lindley, Associate State Forest Ranger Moran, State Forest Ranger Wm. Pennington, District V, and State Forest Ranger Scherman for their contributions to the News Letter. We hope that next month we can add a few more "thanks" to this list.

STATE DEPARTMENT OF NATURAL RESOURCES
Warren T. Hannum, Director

Division of Forestry News Letter

Published monthly in Sacramento for and by Division personnel. Its pages contain current facts, problems, and events relating to Forestry and to the experiences of Division personnel.

PLEASE CONTRIBUTE MONTHLY

DeWitt Nelson	State Forester
Raleigh A. Taylor	Editor
Frances Skewes	Assistant Editor
Cover by - Fred Gordon	Delineator

RECEIVED
JUL 7 1952
STATE DIVISION OF FORESTRY
San Diego County